MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1932

J. A. BROWN, DIRECTOR

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JUL 20 1932
WEATHER BUREAU

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APRIL 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	65.2	65.5	66.2	65.9	19.1	10.5	16.4	18.3	13.6	16.1
2	8.3	8.3	8.0	8.2	20.1	11.2	16.7	19.2	15.7	17.2
3	8.0	7.3	7.1	7.4	21.3	14.0	18.4	19.6	16.8	18.2
4	6.8	5.9	5.7	6.1	22.2	15.4	19.3	22.0	17.3	19.5
5	4.7	2.7	2.6	3.3	23.2	15.8	20.2	22.6	17.6	20.1
6	62.6	61.9	62.3	62.2	23.3	12.9	17.3	17.1	17.0	17.1
7	1.7	0.9	0.0	0.8	22.8	15.0	17.2	21.7	17.8	18.9
8	0.3	0.1	59.1	59.8	22.6	17.4	18.8	20.6	17.6	19.0
9	0.4	0.1	60.3	60.3	22.4	15.2	19.6	21.9	16.1	19.2
10	0.9	0.1	59.6	0.2	21.6	13.2	19.6	20.9	17.3	19.3
11	61.9	63.7	65.4	63.7	18.2	13.8	15.9	17.4	13.4	15.6
12	8.0	8.1	7.5	7.9	19.1	11.7	16.6	18.2	15.0	16.6
13	7.0	5.6	6.6	6.4	21.1	11.9	17.5	19.7	16.5	17.9
14	1.7	59.1	58.0	59.6	23.0	13.3	19.4	21.5	16.7	19.2
15	59.0	8.9	9.6	9.2	22.5	13.7	18.7	21.8	16.7	19.1
16	61.8	62.0	63.0	62.3	21.0	13.6	17.2	20.0	16.2	17.8
17	3.7	2.9	2.3	3.0	22.1	13.2	17.8	20.2	16.6	18.2
18	1.4	0.2	59.3	0.3	21.3	14.3	18.7	20.3	18.3	19.1
19	57.4	55.6	55.5	56.2	27.7	17.9	25.5	24.4	21.7	23.9
20	6.8	5.5	4.2	5.5	25.1	18.6	21.6	24.1	19.4	21.7
21	54.5	56.9	56.8	56.1	31.7	18.8	21.0	18.9	16.7	18.9
22	7.6	7.9	9.1	8.2	18.8	14.6	17.1	18.1	16.0	17.1
23	60.2	9.9	61.1	60.4	19.6	11.2	16.3	18.7	13.8	16.3
24	3.3	63.3	3.2	3.3	21.4	11.6	18.3	20.6	16.3	14.8
25	1.5	59.4	57.8	59.6	22.7	14.3	18.4	21.7	18.1	19.4
26	55.6	53.7	56.8	55.4	29.0	17.2	24.6	22.6	17.6	21.6
27	9.6	60.2	60.5	60.1	22.2	16.0	17.8	21.4	16.1	18.2
28	61.3	0.1	0.4	0.6	22.3	14.0	20.1	21.7	16.4	19.4
29	58.6	58.5	59.2	58.8	19.8	15.2	18.2	18.8	15.7	18.9
30	7.9	8.5	9.4	8.6	21.4	12.8	18.1	21.0	16.5	18.5
	61.59	61.09	61.24	61.31	22.29	14.28	18.74	20.30	16.68	18.56

Barometer, Range for month 753 7-768.3 m.m.

,, 50-yr. average for month 760.038 m.m.

Thermometer, Range for month 10°.5-31°.7 C.

,, 50-yr. average for month 18.90 C.

Rain, total for month 10.97 m.m.

,, , 50-yr average for month 55.88 m.m.

,, , total Sept. 1st to end of month 515.09 m.m.

,, , 50-yr. average, Sept. 1st to end of month. 881.90 m.m

APRIL 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	13.3	13.8	11.0	9.6	9.2	8.4	9.1	69	58	72	66	11.5	
2	12.7	15.1	13.5	8.7	10.2	10.1	9.6	62	62	77	67	8.3	
3	15.3	16.4	15.6	11.1	11.8	12.3	11.7	70	70	87	75	9.5	
4	16 3	18.9	15.6	11.9	14.1	12.1	12.7	71	72	82	75	10.5	
5	18.2	19.7	17.2	14.1	14.9	14.2	14.4	80	74	95	83	10.2	
6	16.3	16.5	16.4	13.1	13.6	13.4	13.3	89	94	93	92	10.8	
7	17.2	18.3	16.3	14.2	13.2	14.0	13.8	95	69	84	82	7.5	
8	17.4	17.8	15.8	13.7	13.2	12.1	12.6	85	74	80	79	9.8	
9	17.2	18.3	13.8	13.0	13.0	10.3	12.1	77	67	77	74	11.5	
10	14.8	15.6	14.1	9.8	10.1	10.0	10.0	57	54	69	60	8.9	0.76
11	16.5	14.3	9.3	6.9	10.2	6.8	7.9	52	69	58	60	10.0	
12	10.9	11.3	10.1	7.0	6.8	6.9	6.9	50	44	54	49	10.5	
13	12.4	14.9	14.4	8.0	9.8	10.9	9.6	54	57	78	63	11.5	
14	16.3	20.4	15.3	11.8	17.0	12.0	13.6	70	89	85	81	11.0	
15	16.1	18.2	14.6	11.9	13.0	11.1	12.0	75	67	79	73	11.0	
16	13.6	14.7	12.9	9.5	9.5	9.2	9.4	66	54	68	63	5.0	
17	13.8	15.7	14.5	9.4	10.5	11.0	10.3	62	60	79	67	9.8	
18	15.6	17.1	16.1	11.1	12.3	12.2	11.9	69	70	78	72	4.2	
19	17.1	19.6	15.4	10.0	13.1	9.5	10.9	41	60	49	50	10.0	
20	18.3	19.9	17.8	13.3	14.4	14.0	13.9	69	65	84	73	5.5	
21	19.3	15.2	13.1	15.3	10.5	9.1	11.6	83	65	65	71	6.0	
22	14.4	14.1	12.1	10.5	9.6	8.4	9.5	73	62	62	66	5.8	
23	12.8	11.9	10.2	9.0	7.2	7.4	7.9	65	45	64	58	9.0	
24	12.3	14.3	11.8	7.7	8.8	8.0	8.2	49	49	57	52	11.8	
25	13.5	16.3	16.7	8.8	10.6	13.1	10.8	56	54	84	65	3.2	
26	18.2	17.6	15.4	11.6	11.8	11.7	11.7	51	58	78	62	3.7	
27	14.4	16.3	13.7	10.2	10.8	10.2	10.4	67	57	76	67	8.0	3.96
28	16.2	16.7	14.1	11.2	11.0	10.5	10.9	64	57	76	66	12.0	
29	15.1	15.2	13.6	10.9	10.6	10.3	10.6	70	67	78	72	0.0	6.25
30	15.2	16.6	14.2	11.1	11.3	10.6	11.0	72	62	76	70	10.0	
	15.16	16.36	14.15	10.81	11.40	10.66	10.94	67.1	63.5	74.8	68.4	8.55	0.37

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
0-year averages are for period, 1875-1924

APRIL 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:3	14:30	20:30	Km.		
1	3stcu	0	0	1.0	0	1sw	1sw	351.1	calm	thunderstorm
2	0	0	0	0.0	0	0	0	12.1	calm	
3	0	0	0	0.0	0	1n	0	91.1	calm	
4	0	0	0	0.0	0	0	0	83.1	calm	
5	1ci	6st	5st	4.0	0	0	0	12.3	calm	fog p.m.
6	0	0	0	0.0	0	0	1sw	201.7	„	
7	0	1st	1st	0.7	0	0	1ne	43.6	„	fog. a.m.
8	8st	9st	5st	7.3	0	0	1s	254.5	„	low fog. a.m
9	0	0	0	0.0	1sw	1sw	2sw	532.7	light	
10	8stcu	5stcu	10stcu	7.7	0	2sw	3sw	515 5	stormy	
11	8stcu	5stcu	5stcu	6.0	3sw	3sw	2sw	888.5	rough	
12	0	0	0	0.0	1w	0	1n	132.4	light	
13	0	0	0	0.0	2sw	1nw	1nw	173.0	stormy	
14	0	0	0	0.0	0	1nw	0	58.7	light	
15	0	0	8stcu	2.7	1w	1w	1sw	404.7	„	
16	8ci	5stcu	3stcu	5.3	1sw	1w	1w	371.2	mod.	
17	0	0	0	0.0	0	1n	1ne	170.2	light	
18	1ci	8st	5st	4.7	0	1n	0	47.8	„	
19	0	0	0	0.0	1w	1w	0	82.0	calm	mist a.m.
20	8st	0	5stcu	4.3	0	2sw	1sw	387.3	mod.	hot night
21	1ci	8stcu	5stcu	4.7	3sw	3w	4sw	884.0	rough	gale a.m.
22	6stcu	4stcu	5stcu	5.0	3w	2w	2w	866.4	v. rough	tr. rain
23	8stcu	4stcu	0	4.0	0	1w	0	144.2	mod.	
24	0	0	0	0.0	0	0	0	167.9	calm	
25	10st	8st	8st	8.7	0	0	0	54.9	„	
26	8st	8st	8st	8.0	0	2sw	2sw	417.1	mod.	
27	8st	6st	5st	6.3	2w	2w	1sw	570.0	stormy	
28	4stcu	1cu	1cu	2.0	1sw	1sw	1sw	745.4	„	
29	8stcu	8stcu	10stcu	8.7	0	0	2sw	138.6	mod.	
30	8stcu	4stcu	5stcu	5.7	1w	2w	2sw	415.7	stormy	
					20	29	31			
				3.29	0.7	1.0	1.0	307.26		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	6	6	0	18
14:30	3	0	0	0	0	7	8	2	10
20.30	1	2	0	0	1	13	2	1	10
Totals	4	2	0	0	1	26	16	3	38

Number of days with rain 3, fog 3, thunderstorms 1, gales 1

50-yr average number of days with rain during month 63.